



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

February 28, 1996

CERTIFIED MAIL #P 875 704 987

Kenneth Hansen
Gordon Paving Company, Incorporated
Route 4, Box 4011
Burley, Idaho 83318

RE: Gordon Paving Company, Incorporated (Twin Falls) - #9501-012-2
Tier II Operating Permit (#083-00005)

Dear Mr. Hansen:

On January 20, 1995, the Division of Environmental Quality (DEQ) received a Tier II Operating Permit (OP) application from Gordon Paving Company's Twin Falls facility. On September 22, 1995, the application was declared complete. On December 21, 1995, a proposed Tier II OP was issued for public comment. No comments were received.

Based on review of your application and state and federal rules and regulations, DEQ finds this project meets the provisions of IDAPA 16.01.01.400. (Rules for the Control of Air Pollution in Idaho). Therefore, I am pleased to enclose your Tier II OP (#083-00005) for the emission sources that exist at the facility.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings", by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

Please be advised that this OP is subject to permit application fees of five hundred dollars (\$500.00) in accordance with IDAPA 16.01.01.470. IDAPA 16.01.01.470 became effective on March 7, 1995. Information regarding the permit application fees will be sent to you shortly.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Bureau Chief, Operating Permits Bureau, at (208) 373-0502.

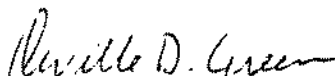
Sincerely,

Orville D. Green
Assistant Administrator
Permits and Enforcement

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Enclosure

cc: R. Lupton, SCIRO
Source File
COF

STATE OF IDAHO AIR POLLUTION OPERATING PERMIT GENERAL INFORMATION	PERMIT NUMBER <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">8</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">3</div> <div style="margin: 0 5px;">-</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">5</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="text-align: center;"> AQCR <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">6</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">3</div> </div> <div style="text-align: center;"> CLASS <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">A</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">2</div> </div> <div style="text-align: center;"> Primary SIC <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">2</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">9</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">5</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1</div> </div> <div style="text-align: center;"> Secondary SIC <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; width: 20px; height: 20px;"></div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="text-align: center;"> ZONE <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">1</div> </div> <div style="text-align: center;"> UTM COORDINATE (km) <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">5</div> <div style="margin: 0 5px;">,</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">4</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">3</div> <div style="margin: 0 5px;">,</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin: 0 2px;">2</div> </div> </div>	
1. Permittee Gordon Paving Company, Incorporated (Twin Falls)		
2. PROJECT Tier II Operating Permit		
3. ADDRESS P.O. Box 4011, Route 4	TELEPHONE # (208) 678-3551	COUNTY Cassia
4. CITY Burley	STATE Idaho	ZIP CODE 83318
5. PERSON TO CONTACT Ken Hansen	TITLE Vice President	
6. EXACT PLANT LOCATION 837 Moderna Street, Twin Falls, Idaho		
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS Asphalt Concrete and Hot-Mix Asphalt Paving Material		
8. GENERAL CONDITIONS <p>This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p>THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED IN THE APPLICATION AND DEQ'S TECHNICAL ANALYSIS OF THE SUPPLIED INFORMATION. CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEPARTMENT REVIEW IN ACCORDANCE WITH Section 16.01.01.200 OF THE Rules for the Control of Air Pollution in Idaho.</p>		
<div style="text-align: center;">  ASSISTANT ADMINISTRATOR DIVISION OF ENVIRONMENTAL QUALITY </div>		<div style="text-align: right;"> ISSUED <u>February 28, 1996</u> Date EXPIRES <u>February 28, 2001</u> Date </div>

AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

PERMITTEE AND LOCATION

Gordon Paving Company, Inc.
Tier II Operating Permit
Twin Falls, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Gordon Paving Company, Inc. - General Plant Description

1. SOURCE DESCRIPTION

1.1 Process Description

Gordon Paving Company, Inc., Twin Falls, Idaho, is a drum-mix, hot-mix asphalt plant. The maximum plant output is 175 tons per hour (T/yr). Sand and gravel is hauled into the Twin Falls facility by trucks from two gravel pits owned and operated by Gordon Paving Company, Inc. Raw material is fed to feed bins by a front-end loader. Measured amounts of gravel are mixed together and fed into the rotary drum dryer. Waste oil is the primary fuel for the burner. Emissions from the dryer pass through a knockout box dust separator, and then to a Venturi scrubber. The gravel mix is rotated and heated in the drum dryer. Pre-heated asphalt mix is injected into the drum, and then mixed with the hot gravel. Asphalt-gravel mixture is then conveyed to twin heated storage silo tower.

1.2 Operating Equipment Description

- 1.2.1 Yanke Machine Company drum-mix, hot-mix asphalt plant, with a rated capacity of 175 tons per hour (T/hr).
- 1.2.2 Four (4) variable capacity feed bins
- 1.2.3 Variable speed feed conveyor belts
- 1.2.4 A 8' x 28" rotary drum dryer
- 1.2.5 An Astraflame Model AF 40, multi fuel burner (waste oil fired), with a rated capacity of 44.93 million British thermal units per hour (MMBtu/hr)
- 1.2.6 A 75' x 24" conveyor system
- 1.2.7 A Caterpillar Model D8 dozer
- 1.2.8 A Komatsu Model 350 front-end loader

1.3 Control Equipment

- 1.3.1 Open Knockout box dust separator.
- 1.3.2 Venturi scrubber, with a pressure drop of 14.0 inches of water and wet scrubber flow rate of 2,600 gallons per minute.

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083 - 00005

Gordon Paving Company, Inc.
Tier II Operating Permit
Twin Falls, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Gordon Paving Company, Inc. - Operating Requirements

2. EMISSIONS LIMITS

2.1 Asphalt Plant Venturi Scrubber Stack Emissions Limits

Particulate matter (PM) emissions shall not exceed 0.04 grains per dry standard cubic foot as required by 40 CFR 60.92(a)(1), nor shall particulate matter (PM), particulate matter with an aerodynamic diameter of ten (10) microns or less (PM-10), sulfur dioxide (SO₂), oxides of nitrogen (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from the hot-mix asphalt dryer stack exceed any corresponding emission rate limit, pounds per hour (lb/hr) and tons per year (T/yr), listed in Appendix A of this permit.

2.2 Other Emissions Limits

Emissions from systems for screening, handling, storing, and weighing hot aggregate, which emanate from a stack, vent, or other functionally equivalent opening, shall not contain particulate matter in excess of 0.04 grains per dry standard cubic foot as required by 40 CFR 60.92(a)(1).

2.3 Stack and Vent Emissions Opacity Limits

Visible emissions from any stack, vent, or other functionally equivalent opening, shall not exhibit twenty percent (20%) opacity, or greater as required by 40 CFR 60.92(a)(2), nor shall exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined according to 40 CFR 60.93 and using procedures contained in the Department's "Procedure's Manual for Air Pollution Control".

2.4 Visible Fugitive Emissions Limits at Facility Boundary

Visible fugitive emissions shall not be observed leaving the property boundaries exceeding a period or periods aggregating more than three (3) minutes in any sixty (60) minute period. This visual determination is to be conducted using Method 22, 40 CFR Part 60, Appendix A.

3. OPERATING REQUIREMENTS

3.1 Maximum Production Rate

The maximum production rate of this facility shall not exceed 175 tons per hour, and 362,600 tons per year (T/yr).

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Tier II Operating Permit
Twin Falls, Idaho

083 - 00005

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Gordon Paving Company, Inc. - Operating Requirements

3.2 Hours of Operation

The maximum hours of operation of the facility shall not exceed eight (8) hours per day, and 2,072 hours per year.

3.3 Pressure Drop Across the Venturi Scrubber

Pressure drop across the Venturi Scrubber shall be maintained within manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to Department representatives upon request.

3.4 Scrubbing Media Flow Rate

The scrubbing media flow rate to the venturi scrubber shall be maintained within the manufacturer's specifications. Documentation of the manufacturer's operating scrubbing media specifications shall remain on site at all times and shall be made available to Department representatives upon request.

3.5 Installation of Monitoring Equipment

The Permittee shall install, calibrate, maintain and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across the air pollution control equipment, and to measure the scrubbing media flow rate to the Venturi scrubber listed in Section 1.3 of this permit.

3.6 Control of Fugitive Emissions

Fugitive particulate emissions from the operation of the hot-mix asphalt plant, traffic on haul roads, traffic areas, and all aggregate handling equipment shall be efficiently and reasonably controlled as required in IDAPA 16.01.01.808 and IDAPA 16.01.01.650.

Some of the efficient and reasonable controls may include, but shall not be limited to the following:

- 3.6.1 Use of water or environmentally safe chemicals;
- 3.6.2 Application of dust suppressants;
- 3.6.3 Use of control equipment;
- 3.6.4 Covering of trucks;

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Gordon Paving Company, Inc.
 Tier II Operating Permit
 Twin Falls, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Gordon Paving Company, Inc. - Monitoring Requirements

3.6.5 Paving roads; and

3.6.6 Prompt removal of earth or other stored material from streets, where practical.

3.7 Air Stagnation Advisory Days

There shall be no operation of the hot-mix asphalt plant during days of Air Stagnation Advisory resulting in mandatory burning bans, or during periods of high winds.

3.8 Burner Fuel

Sulfur content of the waste oil shall not exceed 1.75%, by weight, as required in IDAPA 16.01.01.707.02 (Rules for the Control of Air Pollution in Idaho).

4. **MONITORING REQUIREMENT**

4.1 Operating Parameters

The following parameters shall be monitored on both a daily and annual basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives immediately upon request.

4.1.1 Hot mix asphalt production; and

4.1.2 Hours of operation of the hot-mix asphalt facility.

4.2 Air Pollution Control Equipment

The following parameters shall be monitored on a daily basis. All data shall be kept on-site in a log for a period of two (2) years and made available to Department representatives upon request.

4.2.1 Pressure drop across the Venturi Scrubber; and

4.2.2 Scrubbing media flow rate to the Venturi Scrubber.

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SOURCE

Gordon Paving Company, Inc. - Monitoring Requirements

4.3 Performance Test

Within sixty (60) days after the issue date of this permit, the Permittee shall conduct a performance test to measure particulate matter (PM) emissions from the hot-mix asphalt plant exhaust stack in accordance with 40 CFR 60.93 and in accordance with General Provision I of this permit. Visible emissions (opacity) from the hot-mix asphalt plant exhaust stack shall be determined during this test using the method specified in 40 CFR 60.93.

The test shall be performed while the asphalt plant is operating at maximum capacity, and the following shall be measured and recorded during the performance test:

- 4.3.1 Tons per hour (T/hr) of hot-mix asphalt paving material produced;
- 4.3.2 Pressure drop across the Venturi scrubber;
- 4.3.3 Scrubbing media flow rate to the Venturi scrubber;
- 4.3.4 Type of fuel and burner fuel flow rate (i.e., gallons per hour); and
- 4.3.5 Sulfur content of fuel (i.e., percent by weight).

4.4 Fugitive Control Monitoring

The Permittee shall monitor and record in a log, during operation, on a daily basis, the method(s) used to reasonably control emissions from all sources listed in Section 3.6 of this permit. The log shall also include the type of control used (i.e., water, environmentally safe chemical dust suppressants, etc.), as well as the circumstances under which no controls are utilized. The most recent two (2) years' compilation of data shall be kept on-site and be made available to Department representatives upon request.

4.5 Fuel Monitoring

The following parameters shall be monitored and recorded in a daily log to be kept on-site for a period of two (2) years and made available to Department representatives upon request.

- 4.5.1 The type and amount of fuel used by the burner; and
- 4.5.2 The sulfur content of the waste oil by a certified sulfur content analysis from the supplier for each delivery of waste oil to the facility.

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Gordon Paving Company, Inc. - Reporting and Recordkeeping Requirements

5. REPORTING AND RECORDKEEPING REQUIREMENTS

5.1 Performance Test Protocol

The Permittee shall submit a protocol for the performance test required in Section 4.3 of this permit, to the Department, for approval at a minimum of thirty (30) days prior to the test date.

5.2 Performance Test Report

The Permittee shall submit a written report of the hot-mix asphalt plant performance test to the Department within thirty (30) days after performing the test. The information required to be recorded during the performance test shall also be submitted as part of the report.

5.3 Certification of Documents

All documents, including, but not limited to, records, monitoring data, supporting information, testing reports or compliance certifications submitted to the Department shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

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Appendix A

Gordon Paving Company, Inc. - Twin Falls

Hourly (lb/hr) and Annual (T/yr) Point Source Emissions Limits^a

Source	PM		PM-10		SO ₂		CO		NO _x		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Drum Dryer Stack	4.76	4.93	1.08	1.11	79.75	82.62	6.30	6.533	13.13	13.60	12.08	12.51

- a. As determined by a pollutant specific U.S. EPA reference method, Department approved alternative, or as determined by the Department's emission estimation methods used in the permit application analysis.

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OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, **Idaho Code**, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. The Permittee shall provide the Department a minimum of thirty (30) days notice prior to the scheduled date of any performance test required pursuant to this permit. Such testing must strictly adhere to the procedures outlined in the **Department's Procedure's Manual for Air Pollution Control**, and will not be conducted on weekends or state holidays, unless the Permittee obtains prior Department approval. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment.

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The Permittee shall promptly notify the Department of any change in the testing schedule and shall provide at least five (5) working days notice prior to conducting any rescheduled test, unless the Department approves a shorter advanced notice period. Any records or data generated as a result of such performance tests shall be made available to the Department upon request.

The performance tests will be performed at the maximum production rate unless otherwise is specifically stated elsewhere in this Operating Permit. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

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